

## SEQUENCE LISTING

<110> TONELLI, CHIARA  
GALBIATI, MASSIMO

<120> CASSETTE FOR NUCLEIC ACID EXPRESSION IN PLANTS

<130> 2503-1227

<140> 10/590,490

<141> 2006-08-24

<150> PCT/EP05/001883

<151> 2005-02-23

<150> IT MI2004A000363

<151> 2004-02-27

<160> 19

<170> PatentIn Ver. 3.3

<210> 1

<211> 1291

<212> DNA

<213> Arabidopsis thaliana

<400> 1

```
cacaaggaca caaggacata tggatatgatg atatgctttg tttctctgct tctcttacta 60
atattgaagct gttggattga tttgtctctt cttacgttcc cttctttttt ttttcgtttt 120
cttttgtcgt atagaccagg caggggctag ggcctagtga tgggtattgg cccaatacta 180
ttgggttatt tgcctggttt attatttcga ttttaggtta attcaatttt aagaatacgt 240
agatttgttt ggttttagttt ggtttggttg cactaagttc ggttttacat aaatagaatc 300
taacactact aattgttata cgtaaaatac aacaacaata acagattttt cgtttcaatt 360
ttcgtttaag agggtagaca ttttggtttg gtttggttca tttttttttt ccctttcaaa 420
ttcacatcct tcacgtagat gacaaaataa agaaaaacat gaatgaaagt tgtaacttgt 480
aagcatcaac atggaaatca tatcacaag aacacaaatc taactaatgg gtctttttcac 540
atattggtat aattataagt tgtaagaata ttagttaaac agaggcaacg agagatgcgt 600
gatatatgaa aagttgaaaa caaaagacat ggatctaaag agtcaagcaa aatgtaatat 660
ctttttttct tctaaacttg aggatgtcca agttgcagtg aatgattccc tttaatcatg 720
gagaaattca atgaaataat tgtgtttctt cccacacttt atctttattt attttcttac 780
cacaattaca actattatca caaaaatgta agtaacatag cttgtgactc ttcttccatt 840
tatgagttga ttatcactat atttataagt aattaccaac gaatgttcca aattaagcaa 900
aatattgtaa tcgatacact atgtattcat ctacaatatg ttaacgagct ccttttatgg 960
aaatatttcg attgaaaaaa catttgatgg atcgttcact aaataaataa tccagtaacg 1020
ttttcttaag ggagatatac atattcgtgt ggagatcaac atatcttcgt taattgacta 1080
cgcaaaatag ttaatggaaa aggcagagtg actcgtgagc ttggcagatc caaaagaggt 1140
tgtcaagaaa aagcagattt aaaagttctt ccctcttctt taagtcaccc attaatattca 1200
catatatgta catacatgtt gcatttaact catatacata catattctca catctataaa 1260
gagagcataa gactcagaga gatctagagg a 1291
```

<210> 2

<211> 246

<212> DNA

<213> Arabidopsis thaliana

&lt;400&gt; 2

```

cgtgtggaga tcaacatata ttcgttaatt gactacgcaa aatagttaat ggaaaaggca 60
gagtgactcg tgagcttggc agatccaaaa gaggttgtca agaaaaagca gattttaaag 120
ttcttccctc ttctttaagt caccatttaa tttcacatat atgtacatac atgttgcat 180
taactcatat acatacatat tctcacatct ataaagagag cataagactc agagagatct 240
agagga 246

```

&lt;210&gt; 3

&lt;211&gt; 603

&lt;212&gt; DNA

<213> *Arabidopsis thaliana*

&lt;400&gt; 3

```

caagttgcag tgaatgattc cctttaatca tggagaaatt caatgaaata attgtgtttc 60
ttccacact ttatctttat ttattttctt accacaatta caactattat cacaaaaatg 120
taagtaacat agcttgtgac tcttcttcca tttatgagtt gattatcact atatttataa 180
gtaattacca acgaatgttc caaattaagc aaaatattgt aatcgatata ctatgtattc 240
atctacaata tgttaacgag ctctctttat ggaaatattt cgattgaaaa aacatttgat 300
ggatcgttca ctaaaataat aatccagtaa cgttttctta agggagatat acatattcgt 360
gtggagatca acatatcttc gtttaattgac tacgcaaaat agttaatgga aaaggcagag 420
tgactcgtga gcttggcaga tccaaaagag gttgtcaaga aaaagcagat ttaaaagtcc 480
ttccctcttc ttttaagtcac ccattaattt cacatatatg tacatacatg ttgcatttaa 540
ctcatataca tacatattct cacatctata aagagagcat aagactcaga gagatctaga 600
gga 603

```

&lt;210&gt; 4

&lt;211&gt; 999

&lt;212&gt; DNA

<213> *Arabidopsis thaliana*

&lt;400&gt; 4

```

atagaatcta acactactaa ttgttatatc taaaatacaa caacaataac agattttttcg 60
tttcaatttt cgtttaagag ggtagacatt ttgggttggg ttgggttcatt ttttttttcc 120
ctttcaaatt cacatccttc acgtagatga caaaataaag aaaaacatga atgaaagtgt 180
taacttgtaa gcatcaacat ggaaatcata tcacaaagaa cacaaatcta actaatgggt 240
cttttcacat attggtataa ttataagttg taagaatatt agttaaacag aggcaacgag 300
agatgcgtga tatatgaaaa gttgaaaaca aaagacatgg atctaaagag tcaagcaaaa 360
tgtaatatct ttttttcttc taaacttgag gatgtccaag ttgcagtga tgattccctt 420
taatcatgga gaaattcaat gaaataattg tgtttcttcc cacactttat ctttatttat 480
tttcttacca caattacaac tattatcaca aaaatgtaag taacatagct tgtgactctt 540
cttccattta tgagttgatt atcactatat ttataagtaa ttaccaacga atgttccaaa 600
ttaagcaaaa tattgtaatc gatacactat gtattcatct acaatatgtt aacgagctcc 660
ttttatggaa atatttcgat tgaaaaaaca tttgatggat cgttcactaa ataaataatc 720
cagtaacgtt ttcttaaggg agatatacat attcgtgtgg agatcaacat atcttcgtta 780
attgactacg caaaatagtt aatggaaaag gcagagtgcac tcgtgagctt ggcagatcca 840
aaagaggttg tcaagaaaaa gcagatttaa aagttcttcc ctcttcttta agtcacccat 900
taatttcaca tatatgtaca tacatgttgc atttaactca tatacatata tattctcaca 960
tctataaaga gagcataaga ctcagagaga tctagagga 999

```

&lt;210&gt; 5

&lt;211&gt; 22

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic primer

<400> 5  
tcggatcctc tagatctctc tg 22

<210> 6  
<211> 24  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic primer

<400> 6  
aagcttcaca aggacacaag gaca 24

<210> 7  
<211> 27  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic primer

<400> 7  
atagaatcta acactactaa ttgttat 27

<210> 8  
<211> 23  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic primer

<400> 8  
aagcttcaag ttgcagtga tga 23

<210> 9  
<211> 23  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic primer

<400> 9  
aagcttcgtg tggagatcaa cat 23

<210> 10  
 <211> 22  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 primer

<400> 10  
 aagcttgcag agtgactcgt ga

22

<210> 11  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 primer

<400> 11  
 cacttgatgg agctctctaa tatg

24

<210> 12  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 primer

<400> 12  
 ctgcagacgt ttgtctagta g

21

<210> 13  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 primer

<400> 13  
 ctcacatggccg ccggatcttg a

21

<210> 14  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic primer

<400> 14  
cttgtctctc catatcttga gca 23

<210> 15  
<211> 29  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic primer

<400> 15  
ggagaagaac ttttcactgg agttgtccc 29

<210> 16  
<211> 30  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic primer

<400> 16  
tagttcatcc atgccatgtg taatcccagc 30

<210> 17  
<211> 20  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic primer

<400> 17  
aataacgggt caggcacagc 20

<210> 18  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic primer

<400> 18  
ctgtggaatt gatcagcggtt g

21

<210> 19  
<211> 18  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
primer

<400> 19  
gggaattcgt cgacaagc

18